

1044 U.S. PTO  
06/05/01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	TI-32406
		First Inventor	Melsa, et al.
		Title	Method and Apparatus for Peak Prediction Enabling Peak to Average Ratio (PAR) Reduction
		Express Mail Label No.	EL84242655US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text" value="36"/> ]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text" value="4"/> ]</p> <p>5. Oath or Declaration [Total Sheets <input type="text" value="2"/> ]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/>(for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s)<br/>named in the prior application, see 37 CFR<br/>1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br/>Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|--|---|

**ACCOMPANYING APPLICATION PARTS**

- |   |   |
|---|---|
| 9. <input checked="" type="checkbox"/>  | Assignment Papers (cover sheet & document(s))   |
| 10. <input type="checkbox"/>            | 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney                           |
| 11. <input type="checkbox"/>            | English Translation Document (if applicable)  |
| 12. <input checked="" type="checkbox"/> | Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations               |
| 13. <input type="checkbox"/>            | Preliminary Amendment   |
| 14. <input checked="" type="checkbox"/> | Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)   |
| 15. <input type="checkbox"/>            | Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)  |
| 16. <input type="checkbox"/>            | Request and Certification under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent. |
| 17. <input type="checkbox"/>            | Other: .....  |

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_  
Prior application information Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label **23494** or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	J. Dennis Moore				
	Texas Instruments Incorporated				
Address	P. O. Box 655474 M/S 3999				
City	Dallas	State	Texas	Zip Code	75265
Country	USA	Telephone		Fax	

Name (Print/type)	Steven H. Slater	Registration No. (Attorney/Agent)	35361
Signature		Date	JUN 01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1,162.00)

## Complete if Known

Application Number	TBD
Filing Date	HEREWITH
First Named Inventor	Melsa, et al.
Examiner Name	TBD
Group Art Unit	TBD
Attorney Docket No.	TI-32406

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:Deposit  
Account  
Number  
Deposit  
Account  
Name

20-0668

Texas Instruments Incorporated

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
Applicant claims small entity status.  
See 37 CFR 1.27.

2. Payment Enclosed:

Check ☐ Credit Card ☐ Money Order ☐ Other ☐

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$710.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
34	-20**= 14	18	252.00
5	-3**= 2	80	160.00

Multiple Dependent

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$412.00)

\*\* or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$40.00)

## SUBMITTED BY

Name (Print/Type) Steven H. Slater

Signature

Registration No.  
(Attorney/Agent)

35361

## Complete (if applicable)

Telephone

972-401-9786

Date

5 JUN 01

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PTO/SB/17 (11-00)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Melsa, et al

Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: Herewith

Docket: TI-32406

For: Method and Apparatus for Peak Prediction Enabling Peak to Average Radio (PAR) Reduction

**Certificate of Mailing via Express Mail**

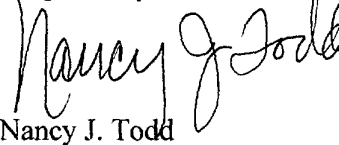
EXPRESS MAIL mailing label number: **EL842426555US**

Date of Deposit: **June 5, 2001**

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent Application, Assistant Commissioner for Patents, Washington, DC 20231:

- Utility Patent Application Transmittal (1 page)
- Complete Copy of Patent Application (40 pages), to include:
  - Specification (36 pages)
  - Informal Drawings (4 pages)
- Declaration and Power of Attorney (2 pages)
- Assignment Recordation Cover Sheet (1 page)
- Copy of Original Signed Assignment (2 pages)
- Fee Transmittal (1 original and 1 copy)
- Information Disclosure Statement (1 page)
- Form PTO1449 with 6 references
- Two (2) Return Postcards

Respectfully submitted,

  
Nancy J. Todd

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